



WDS Workshop on Open Science Policies across Latin America

24 September 2024, Oak Ridge, TN, USA

Concept Note

Background

The World Data System (WDS) is dedicated to leading global efforts to improve access to high-quality, interoperable scientific data. Consistently playing a crucial role in promoting global data stewardship, WDS advocates for accessible data and ensures transparent, reproducible science. The workshop proposed here will highlight WDS's mission and values, emphasizing their importance for data repositories. A key objective of WDS is to enhance access, quality, accessibility, and interoperability of data worldwide. The availability and quality of data are foundational to the success of global scientific efforts. To achieve this mission, WDS focuses on several crucial endeavors:

- Raising awareness about the benefits of open science.
- Developing activities that inform best practices for data sharing and management.
- Strengthening a community of trusted data repositories.
- Promoting and endorsing initiatives and policies that encourage open science adoption.

Specifically designed for data repositories across Central and Latin America as well as the Caribbean, the workshop aims not only to reflect on Open Science policies pertinent to these regions but also collaboratively develop actionable guidelines tailored to the regional needs.

Event Organizers

The [World Data System](#) (WDS) is an affiliated body of the International Science Council (ISC), the oldest and largest scientific organization in the world. It has a mission to enhance the capabilities, impact, and sustainability of its member repositories by creating trusted communities of scientific data repositories, strengthening the scientific enterprise throughout the entire lifecycle of data to create first-class data that feeds first-class research output, and by advocating for accessible data and transparent and reproducible science.

1. **WDS's International Program Office (WDS-IPO):** Hosted by the University of Tennessee's Oak Ridge Innovation Institute and is located on the campus of Oak Ridge National Laboratory in Oak



WDS Workshop on Open Science Policies across Latin America

Ridge, Tennessee, United States. Supported by a cooperative agreement (DE-SC0021915) with the U.S. Department of Energy Office of Science.

2. **WDS's International Technology Office (WDS-ITO):** Hosted by Oceans Network Canada at the University of Victoria, Victoria, British Columbia, Canada. Supported by the Digital Research Alliance of Canada and Ocean Networks Canada.

Proposed Aims

The workshop will be a half-day event, held on 11 November 2024 in Costa Rica as a collocated event to RDA's 23rd Plenary.

The workshop will bring together scientific data repositories' representatives from Latin American countries. The event is open to all, but priority will be given to representatives from the focus regions.

The following are the workshop objectives:

1. To provide insights into WDS's mission and values.
2. To share best practices within data repositories and services
3. To promote cross-cultural dialogue, enriching understanding and cooperation within the region.
4. Facilitate reflection on Open Science policies relevant to Latin American countries.
5. To collaboratively develop policy papers describing regional policies.
6. To engage participants in country-specific groups to describe actionable guidelines that address regional needs.
7. To produce comprehensive policy papers scheduled for publication on WDS's Zenodo community space and website.
8. To disseminate these papers in both local languages and English to maximize reach and impact.
9. To coordinate follow-up meetings and webinars throughout 2025 allowing participants to share reflections on policies and workshop experiences.

Guiding Questions

1. What countries have developed national data infrastructure strategies prioritizing open science?
2. What countries have specific data repository strategies for science/research?
3. How advanced are countries in implementing their data repository(ies) for science?
4. What are the key challenges faced by data repositories in the region?
5. How can WDS support local data repositories more effectively?



WDS Workshop on Open Science Policies across Latin America

6. What best practices can be adopted from other regions or institutions?
7. How can we ensure that policies related to data repositories are inclusive of regional needs?
8. What actionable guidelines can be developed to improve data management practices?

Event Structure

1. **Introduction** (15 min during breakfast)
 - a. WDS background
 - b. Goal of meeting
 - c. Guiding questions
2. **Primer on data and data repositories** (60 min)
 - a. Best practices in data repositories
 - b. Data management plans (DMPs)
3. **Discussion and feedback on how WDS can support local data repositories** (30 min)
 - a. Shared list of items WDS member repositories ranked during the 2023 Members Forum
 - b. What keeps you up at night?
4. **Walk through example policy paper** (15 min)
5. **Writing time** (60 min)
 - a. Break attendees into groups by country to write papers for publication on the WDS website and WDS Zenodo collection
 - b. Preference is for native language, with agreement on translating to English
6. **Discussion and feedback** (45 min)
7. **Closing** (15 min)
 - a. Next steps
8. **Feedback from attendees** (QR code for survey)

Acknowledgments



This event is co-located with the [Research Data Alliance 23rd Plenary Meeting](#), 12-14 November 2024, San José, Costa Rica hosted by Consejo Nacional de Rectores (CONARE).